

<b>NATURAL RESOURCES CONSERVATION SERVICES CONSTRUCTION SPECIFICATION</b>
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<b>DRAIN FILL</b>
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1. SCOPE

The work shall consist of furnishing, placing and compacting drain fill required in the construction of structure drains and filters.

2. MATERIALS

Drain fill materials shall conform to the requirements shown on the drawings.

3. BASE PREPARATION

Foundation surfaces and trenches shall be clean and free of organic matter, loose soil, foreign substances and standing water when the drain fill is placed. Earth surfaces upon or against which drain fill will be placed shall not be scarified.

4. PLACEMENT

Drain fill shall not be placed until the subgrade has been made available for inspection and approval by NRCS engineer or designated representative. Drain fill shall not be placed over or around pipe or drain tile until the installation of the pipe or tile has been made available for inspection and approval.

Drain fill shall be placed uniformly in layers not more than 9 inches deep before compaction. The material shall be placed in a manner to avoid segregation of particle sizes and to insure the continuity and integrity of all zones. No foreign materials shall be allowed to become intermixed with or otherwise contaminate the drain fill.

The upper surface of drain fill constructed concurrently with adjacent zones of earth fill shall be maintained at an elevation at least one foot above the upper surface of the adjacent fill.

Drain fill over or around pipe or drain tile shall be placed in a manner to avoid displacement of the pipe or tile in line or grade.

5. COMPACTION

When the drain is a part of an earth embankment, the drain fill shall be compacted by the controlled movement of the hauling equipment so that the entire surface is traversed by not less than one tread track of the loaded equipment.

For trench drains in original ground no compaction will be required beyond that resulting from the placing operations.

6. TESTING

The NRCS engineer or designated representative will perform such tests as are required to verify that the drain fill materials and the drain fill in place meet the requirements of the specifications.

7. ADDITIONAL ITEMS WHICH APPLY TO THIS JOB